



# EFFECTIVENESS OF CONSTRUCTIVIST APPROACH IN ONLINE LEARNING

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## ABSTRACT

Each person receives knowledge with varying degrees of validity according to his intelligence. Which makes an accurate representation of reality based on their experience. If the test of the authenticity of online education is accomplished then it can be considered as failed but online education is able to present a virtual environment simulating real-world events. Teachers can present the learning content according to the previous knowledge of the students in the next online class, according to the constructivist pedagogy by interacting and make rapport with the student in the first online constructivist pedagogical class. For the social and radical constructivists, bona fide encounters are significant so the individual might develop mental designs that are reasonable in significant circumstances. An online class is said to be capable of presenting the environment of reality but it is necessary for the students to have self-motivation and self-regulation to get a meaningful education in the class.

**KEYWORDS:** constructivist pedagogy, online education, self-motivation, self-regulation.

## INTRODUCTION:

Constructivism is a theory of learning. Its root exists in philosophy and psychology. The important thing about constructivism is that the learners construct their own knowledge. Dewey, Hegel, Kant and Vico believe that its root has been found in the philosophy, Von Glasersfeld (1984, 1990) present the three epistemological tenets in which fourth has been added recently.

1. Knowledge cannot be acquired by being passive it is the result of the active cognition
2. Cognition is an adaptive process that updates human behavior in the available environment.
3. Cognition organizes experiences that make up human senses.
4. The roots of knowledge exist in both biological constructivism, social and cultural interaction.

Constructivism accepts the importance of the learner's active role in the formation of knowledge. The personal and social experience is important in acquiring knowledge. Each person constructs his or her own knowledge on the basis of self-experience. Each person receives knowledge with varying degrees of validity according to his intelligence. Which makes an accurate representation of reality based on their experience. Cognitive constructivist focusses on accurate mental construction of reality, Radical constructivist emphasized the construction of coherent experiential reality, social constructivist believes in the reality constructed by society and social environment. The constructivist approach has been considered very useful in education, it helps students to achieve sustainable learning.

## CONSTRUCTIVIST PEDAGOGY:

When the constructivist approach is used in the classroom in teaching to enhance the learning ability of students then it says constructivist pedagogy.

1. Learning always takes place in a real-world environment.
2. Learning should lead to the development of social understanding and mediation.
3. Relevant content and skills to be presented for the learners.
4. The content and skill must have an original method from within the scope of the learner's prior knowledge.
5. Cognitive, radical, and social constructivism considers knowledge and understanding to be an ongoing process that is heavily influenced by the student's prior knowledge. Knowledge and understanding cannot be directly observed but it is reflected in the various reactions and behavior of human beings. The students' recent knowledge is tracked through the teaching and learning process.

6. Students should be motivated for self-regulation and self-awareness now.
7. In constructivism, the role of the teacher in the learning process is an important feature to act as a guide and facilitator, not an instructor.
8. There are multiple perspectives and multiple representations of one cause in cognitive constructivism multiple representations are conveyed to the children through raw material and activities which leads to the development of multiple perspectives in the children.

## CONSTRUCTIVIST APPROACH THROUGH ONLINE MODE:

Nowadays online learning has become very beneficial for the students, whatever students want to learn. They can learn any course on the basis of their will. In the pandemic situation, online learning is being used to teach in schools and colleges as well. In which using constructivism can prove to be very meaningful because constructivism presents new knowledge to students by connecting them with their prior knowledge. By which the student learns and understands the selected topic well. If constructivism is to be used online for teaching, then many of the following things should be kept in the mind:

1. If the test of the authenticity of online education is accomplished then it can be considered as failed but online education is able to present a virtual environment simulating real-world events.
2. Online education provides equal opportunity to the student to involve social negotiation and mediation. Online education is partially capable of providing all veritable virtual environments simulating real-world events.
3. Must have relevant content and skills for learners. Online education is capable of providing various types of knowledge, information, and skill to the students. It enables the learners to self-select a relevant topic, idea, process, and skills.
4. Presentations of content and skill in online education can be considered difficult linking it with the prior knowledge of the student. For this, it is necessary to have interaction between both the student and facilitator with the online education environment. A synchronous environment is constructed by the facilitator. At the beginning of the instruction in online education, the educational presentation may not be as per the prior knowledge of the students in the first online class. Which can be ascertained from the feedback given by the students.
5. Self-motivation and self-regulation are very important for the students to get the education in an online class.
6. If the teachers teach through online mode using constructivist pedagogy, then they will have to perform all the activities mentioned to the students themselves and the students will have to be involved in that activity. They will have to pay attention to the teacher by doing various conversations related to the activities. The teacher can also ask them the trick to complete the activity. They can perform that activity by doing the work of the activity as the students tell them. In this way, even online education classes stu-

dents can be educated through constructivist pedagogy by involving them in online educational activities.

#### CONCLUSION:

In the constructivist pedagogy, the content has to be presented by adding to the prior knowledge of the students. Teachers can present the learning content according to the previous knowledge of the students in the next online class, according to the constructivist pedagogy by interacting and make rapport with the student in the first online constructivist pedagogical class. The online class is said to be capable of presenting the environment of reality but it is necessary for the students to have self-motivation and self-regulation to get a meaningful education in the class.

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